

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	359	370/323,334.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/31 08:25
L2	227	1 and radio and (tuner or modulator or receiver)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/31 08:26
L4	52	2 and satellite and (terrestrial or local or FM or AM)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/31 08:39
L5	25	2 and satellite and (terrestrial or local or FM or AM) and broadcast\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/31 08:40
L6	553	710/38.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/31 08:41
L7	7	6 and broadcast\$3 and (FM or AM or local or terrestrial) and (satellite)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/31 08:42
L8	11643	455/3.01,7,427,3.02,3.03,428,12.1, 181.1,171.1,178.1,186,191.1,3.04, 456.1,457,414.1,161.2,161.3,166.2, 184.1,419,345.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/31 08:46
L10	1676	8 and broadcast\$3 and satellite and (local or fm or am or terrestrial)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/31 08:47

## EAST Search History

L11	1028	10 and ((interrupt\$4 or control\$4) with signal)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/31 08:48
L12	130	11 and ((AM or FM or terrestrial or local) with (tuner or demodulat\$3)) and ((satellite or national) with (tuner or demodulat\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/31 08:50
S20	2	"6397141".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/25 09:43
S21	2	"6526268".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/25 10:05
S22	885	(satellite radio) with receiver	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/25 11:04
S23	132	S22 and ((two or S21 or multiple or pluralit\$3) near3 antenna\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/25 11:05
S24	1	("2003/0164802").URPN.	USPAT	ADJ	ON	2006/10/25 13:51

## EAST Search History

S25	40	("4109214"   "4109251"   "4238199"   "4238799"   "4266227"   "4621243"   "4692770"   "4764773"   "4779098"   "4794319"   "4825217"   "4882592"   "4916456"   "5057847"   "5099251"   "5105201"   "5134486"   "5161255"   "5212492"   "5278572"   "5283589"   "5298907"   "5357262"   "5422681"   "5451966"   "5557290"   "5734355"   "5850199"   "5872549"   "5898407"   "5898408"   "5929718"   "6069588"   "6097345"   "6140966"   "6232926"   "RE33743").PN. OR ("6686882").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/10/25 14:43
S26	404	measur\$3 with (duration or time) with pulse with (high or S20) with (low or "0")	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/10/25 14:45
S29	105	SDARS and (am near2 fm)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/25 16:25
S30	411	(satellite) and (terrestrial) and (interrupt\$3 near3 signal)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/25 16:27
S31	136	S30 and GPS	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/25 16:29
S32	121	S31 and radio	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/25 16:31
S33	119	S32 and select\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/31 08:20

## EAST Search History

S34	109	S33 and antenna\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/26 07:37
S35	4389	satellite radio or SDARS	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/26 07:38
S36	1062	S35 and (satellite and terrest\$5)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/26 09:01
S37	189	S36 and antenn\$2 and (tuner or demoulat\$3) and (select\$3 or switch\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/26 07:45
S38	16	S37 and (interrupt\$4 with (switch\$3 or select\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/26 08:04
S39	1	10/673658	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/26 08:06
S40	1	10/673683	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/26 08:09
S42	757	S35 and (servic\$3 near2 provider\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/26 08:15

## EAST Search History

S45	230	((terrestrial or local) same broadcast\$3) and S42	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/26 08:19
S46	135	S45 and antennas	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/26 08:19
S47	69	S46 and (modulator\$1 or tuner\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/26 08:20
S48	28	S47 and ((interrupt\$4 or interfer\$4) with signal)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/26 08:47
S49	28	S48 and receiver	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/26 08:58
S50	26	S45 and (antenna near4 select\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/26 08:58
S53	393	S35 and "interrupt"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/26 09:02
S54	12	("4405947"   "4763195"   "4777657"   "4823387").PN. OR ("5517678").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/10/26 09:13

## EAST Search History

S55	23	("3409738"   "3659059"   "3696297"   "3922607"   "4197496"   "4305101"   "4520404"   "4616271"   "4636880"   "4656629"   "4868866"   "5133081"   "5155591").PN. OR ("5404566").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/10/26 09:18
S56	20	("4074230"   "4901307"   "5485485"   "5592471"   "5691974"   "5844636").PN. OR ("6339611").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/10/26 09:38
S57	7	("5546384"   "5898929"   "6496532"   "6581176"   "6639908").PN. OR ("6795413").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/10/26 10:03
S58	2	("2002/0065072").URPN.	USPAT	ADJ	ON	2006/10/26 13:06
S60	4	(am/fm near2 tuner) and (satellite near2 tuner)	USPAT	ADJ	ON	2006/10/26 13:07
S61	36	(radio near2 tuner) and (satellite near2 tuner)	USPAT	ADJ	ON	2006/10/26 11:58
S62	34	S61 not S60	USPAT	ADJ	ON	2006/10/26 13:04
S63	10	(Howard and Damian).in.	USPAT	ADJ	ON	2006/10/26 13:29
S64	26	(am/fm near2 tuner) and (satellite near2 tuner)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/26 13:07
S65	22	S64 not S60	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/26 13:07
S66	30	(Howard and Damian).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/26 13:36

## EAST Search History

S68	1544	(signal with interrupt\$4) and (select\$4 with antenna)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/26 13:37
S69	15	S68 and satellite radio	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/26 14:32
S70	352309	RDS or (radio data signal)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/26 14:32
S71	177	S70 and satellite radio	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/26 14:32
S72	66	S71 and am and FM	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/26 14:33
S73	3	S72 and (interrupt\$4 with signal)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/26 14:35
S74	63	S72 not S73	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/26 14:35

## EAST Search History

S75	47	S74 and (interrupt\$4 or request\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/26 14:46
S76	29	S75 and antenna\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/26 14:54
S77	1	(radio with receiver) same (SDAR near3 (tuner or receiveror demodulat\$4)) same (am near2 fm near2 (tuner or receiveror demodulat\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/26 14:56
S78	3	(receiver) same (SDAR near3 (tuner or receiveror demodulat\$4)) same (am near2 fm near2 (tuner or receiveror demodulat\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/26 14:58
S79	16	(zafar and imtiaz).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/26 15:03
S80	326	(morris and daniel).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/26 15:07
S81	4358	fm and satellite and antenna	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/26 15:08



## EAST Search History

S82	6	fm and satellite and antenna and S80	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/26 15:08
S83	6	S82 and (tuner or modulator or receiver)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/26 15:09
S84	3977	S81 and (tuner or modulator or receiver)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/26 15:09
S85	69	S84 and (satellite radio) and (FM with (tuner or demodulat\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/26 15:10
S87	13	S85 and interrupt\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/26 16:13
S88	1344	radio and (output selector)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/26 16:14
S89	562	S88 and controller	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/26 16:14

## EAST Search History

S90	2	S89 and satellite radio	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/26 16:16
S91	560	S89 not S90	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/26 16:16
S92	13	S91 and interrupt signal	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/26 16:26
S93	547	S91 not S92	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/26 16:53
S94	181	S93 and broadcast\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/27 08:59
S95	2	"5404566".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/27 08:59
S96	23	("3409738"   "3659059"   "3696297"   "3922607"   "4197496"   "4305101"   "4520404"   "4616271"   "4636880"   "4656629"   "4868866"   "5133081"   "5155591").PN. OR ("5404566"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/10/27 08:59

## EAST Search History

S97	45	("3283251"   "3436662"   "3534266").PN. OR ("3696297").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/10/27 09:25
S98	25	(S96 or S97) and (interrupt\$4 or ARQ or NACK or ACK)	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/10/27 09:47
S99	18	("20010014849"   "20020032035"   "5023933"   "5164904"   "5193213"   "5404566"   "5661787"   "5815802"   "5850190"   "6014090"   "6064318"   "6081200"   "6091956"   "6232888"   "6255963"   "6330334"   "6335693"   "6349262").PN. OR ("6915107").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/10/27 09:46
S10 0.	1259	(traffic near3 information) and (satellite near3 (broadcast\$4 or information))	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/10/27 09:47
S10 1.	371	S100 and (interrupt\$4 or ARQ or NACK or ACK)	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/10/27 09:47
S10 2	367	S101 and (switch\$3 or select\$3)	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/10/27 09:48
S10 3	262	S102 AND CONTROLLER	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/10/27 09:49
S10 6	4	("5250935"   "5463599"   "6375630"   "6460356").PN. OR ("7126581").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/10/27 10:00
S10 7	26	("20020121989"   "4013994"   "5128669"   "5182555"   "5214793"   "5450329"   "5506584"   "5699056"   "5841367"   "5900825"   "5907293"   "5926117"   "6298302"   "6326903"   "6370475"   "6405132"   "6615137"   "6680674"   "6720920"   "6754485"   "6759970"   "6768944"   "6785551"   "6792351"   "6819268"   "6868331").PN. OR ("7110880").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/10/27 10:02
S10 8	8	("5959580"   "6012028"   "6061003"   "6115667"   "6629035"   "6697631").PN. OR ("6819268").URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/10/27 10:15

## EAST Search History

S10 9	41	("4901307"   "5010317"   "5073900"   "5081703"   "5109390"   "5119225"   "5216427"   "5233626"   "5239671"   "5265119"   "5303286"   "5339330"   "5410728"   "5415368"   "5422647"   "5433726"   "5439190"   "5446756"   "5448623"   "5511233"   "5535430"   "5551624"   "5564076"   "5594780"   "5634190"   "5655005"   "5664006"   "5781612"   "5915223"   "5930708"   "5933784"   "5943333"   "5999811"   "6011978"   "6014561"   "Re32905").PN. OR ("6233463"). URPN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/10/27 11:05
S11 0	1777	broadcast\$3 and satellite and terrestrial and select\$3 and control\$4 and (interrupt\$4 or ACK or NACK or ARQ)	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/10/27 11:06
S11 1	182	S110 and (media with select\$3) and automatic	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/10/27 11:08
S11 2	1280	S110 and radio	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/10/27 11:08
S11 3	271	S110 and (satellite near2 radio)	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/10/27 12:27
S11 7	3	(satellite near2 radio) and (((am near2 fm) or local) near2 broadcast) and (interrupt near2 signal) and select\$4 and control\$4	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/10/27 12:31
S11 8	96	(satellite near2 radio) and (((am near2 fm) or local) near2 broadcast) and ((media or content) near2 select\$4) and control\$4	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/10/27 12:56
S11 9	246	(tuner or demodulat\$3) with (((interrupt or ARQ or ack or nack) near2 signal)	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/10/27 12:58
S12 0	150	S119 and radio	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/10/27 13:16
S12 1	28	(william and stumphauzer).in.	US-PGPUB; USPAT; USOCR	ADJ	ON	2006/10/27 13:16
S12 3	21	S119 and (mux or multiplexer)	USPAT	ADJ	ON	2006/10/27 15:04

## EAST Search History

S12 4	14337	controller with interrupt	USPAT	ADJ	ON	2006/10/27 15:05
S12 5	2027	S124 and radio	USPAT	ADJ	ON	2006/10/27 15:04
S12 6	405	S125 and satellite	USPAT	ADJ	ON	2006/10/27 15:05
S12 7	0	S126 and sdar and terrestrial	USPAT	ADJ	ON	2006/10/27 15:04
S12 9	71	S125 and (satellite near2 radio)	USPAT	ADJ	ON	2006/10/27 15:05
S13 0	25292	controller with interrupt	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/27 15:11
S13 1	128	S130 and (satellite near2 radio)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/27 15:06
S13 2	25292	(controller with interrupt)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/27 15:11
S13 3	52	S132 and ((modulation or tuner) with ((interrupt\$4 or request\$3 or arq and ack) near3 signal))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/28 09:17
S13 4	0	satellite with (tuner or demodulat\$3) with interrupt\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/28 09:23

## EAST Search History

S13 5	27	satellite with (tuner or demodulat\$3) with interrupt\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/28 09:30
S13 6	468	satellite with (tuner or demodulat\$3) with ((interrupt\$4 or control\$4 or request\$3) near3 signal\$1)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/28 09:31
S13 7	458	S136 not S135	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/28 09:31
S13 8	105	S137 and (satellite with radio)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/28 10:15
S13 9	878	(time slot) near2 (interrupt\$4 or control\$4 or request\$3) near3 signal	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/28 10:16
S14 0	8	S139 and (satellite near3 radio) and broadcast\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/28 10:49
S14 3	814	(select\$3 switch) and (satellite) and (terrestrial or local or FM) and broadcast\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/28 10:51

## EAST Search History

S14 4	11	(select\$3 switch) same (satellite) same (terrestrial or local or FM) same broadcast\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/28 11:03
S14 5	19246	receiver and (satellite) and (local or FM or terrestrial) and (((interrupt or control or request or ARQ) with (select\$3 or switch\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/28 11:06
S14 6	18004	(radio) and (satellite) and (local or FM or terrestrial) and (((interrupt or control or request or ARQ) with (select\$3 or switch\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/28 11:06
S14 7	14115	broadcast and (satellite) and (local or FM or terrestrial) and (((interrupt or control or request or ARQ) with (select\$3 or switch\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/28 11:06
S14 8	3025	broadcast and (satellite) and (local or FM or terrestrial) and (((interrupt or control or request or ARQ) near2 signal) with (select\$3 or switch\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/28 11:07
S14 9	2157	broadcast and (satellite) and (local or FM or terrestrial) and (((interrupt or control or request or ARQ) near2 signal) with (select\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/28 11:10
S15 0	113	broadcast and (satellite) and (local or FM or terrestrial) and (((interrupt or control or request or ARQ) near2 signal) with (select\$3)) and (satellite radio)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/28 11:08

## EAST Search History

S15 1	33	broadcast and (satellite) and (local or FM or terrestrial) and (((interrupt or control or request or ARQ) near2 signal) with (select\$3) with satellite with (tuner or demodulat\$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/28 11:32
S15 2	68	(denda and akihiro).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/28 11:36
S15 3	22	switchover and broadcast and (satellite radio) and terrestrial and satellite	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/28 11:49
S15 4	122	switchover and broadcast and radio and terrestrial and satellite	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/28 11:50
S15 5	144	switchover and broadcast and radio and (terrestrial or fm) and satellite	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/28 11:50
S15 7	7	S155 and ((tuner or demodulat\$3) with (interrupt\$4 or control) with switch\$5) and (news or weather or financ\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/28 14:34
S15 8	2	10/656819	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/28 14:35



## EAST Search History

S15 9	1	09/656819	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/28 14:36
S16 0	2	"3949401".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/28 14:39
S16 1	21	(bragas and peter).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/28 14:39
S16 3	1382	radio data system	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/28 14:40
S16 4	230	S163 and satellite	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/28 14:42
S16 5	217	S164 and (select\$3 or switch\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/28 14:42
S16 6	12169	((radio data system) or RDS) and (tones or beeps)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/28 14:55

## EAST Search History

S16 7	61	S166 and iterrupt	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/28 14:54
S16 8	12169	((radio data system) or "RDS") and (tones or beeps)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/28 14:56
S16 9	138	((radio data system)) and (tones or beeps)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/28 14:56
S17 0	5	S169 and interrupt signal	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/28 15:06
S17 1	30	S169 and interrupt	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/28 15:06
S17 2	25	S171 not S170	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/28 15:14
S17 4	1	"10/628822"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/30 07:46

## EAST Search History

S17 5	2	"10/054979"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/28 15:54
S17 6	1	10/167223	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/28 15:55
S17 7	2	"5548828".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/28 15:55
S17 9	204	audio multiplexer	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/28 15:55
S18 0	13	S179 and multiple input	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/28 15:55
S18 1	2	"6741834".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/28 16:51
S18 3	30	(radio data system) and interrupt and (tone or beep)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/28 17:19

## EAST Search History

S18 4	1	10/794600	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/28 17:19
S18 5	2	"6741834".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/30 08:18
S18 6	1	10/628822	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/30 09:17
S18 7	1	(satellite radio) same download\$3 same (RDS or (radio near2 data near2 system))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/30 10:36
S18 8	145	emergency broadcast system	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/30 09:40
S18 9	3	S188 and (series near3 (tone or beep))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/30 09:41
S19 0	8	(satellite radio) same download\$3 and (RDS or (radio near2 data near2 system))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/30 10:53

## EAST Search History

S19 1	64	(satellite radio) same download\$3 and (on or activat\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/30 10:57
S19 2	60	S191 not S190	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/30 10:53
S19 3	5	(satellite radio) same download\$3 same (on or activat\$3)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/30 12:10
S19 4	3301	receiver and ((interrupt or control) near4 signal) with ((predetermin\$2 or definit\$3) with period)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/30 12:12
S19 5	1435	S194 and radio	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/30 12:12
S19 6	27	S195 and (satellite near4 radio)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/30 12:26
S19 7	4301	receiver and ((download\$3 or updat\$3) with determin\$3 with information)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/30 12:28

## EAST Search History

S19 8	89	S197 and satellite radio	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/30 14:12
S20 1	2	(service near3 provider\$1) with (download\$3 or updat\$3) with (RDBS or RDs)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/30 14:15
S20 2	17	(service near3 provider\$1) same (download\$3 or updat\$3) same (RDBS or RDs)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/30 14:16
S20 3	15	((service near3 provider\$1) same (download\$3 or updat\$3) same (RDBS or RDS)) and radio	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/30 14:18
S20 5	1	((satellite radio) same (download\$3 or updat\$3) same (RDBS or RDS)) and radio	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/30 14:19
S20 6	32	((satellite radio) same (download\$3 or updat\$3) same (local)) and radio	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/30 14:23
S20 7	51	((satellite radio) same (download\$3 or updat\$3) same (program)) and radio	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/30 14:24

## EAST Search History

S20 8	31	S207 not S206	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/30 14:32
S21 0	1156	((fixed or predetermin\$3) near2 time)(interrupt or control)) with signal	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/30 15:15
S21 1	2	S210 same (demultiplexer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/30 14:41
S21 2	7	S210 same indicator	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/30 15:17
S21 3	27	S210 same (interrupt same period same time)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/30 15:20
S21 4	34	S210 same (switch\$3 near5 output)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/30 15:35
S21 5	55582	(radio and receiver) and (interrupt\$3 or control\$3) and (period near4 time)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/30 15:40

## EAST Search History

S21 6	14414	S215 and satellite and radio	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/30 15:40
S21 7	1346	S216 and (interrupt\$4 with signal)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/30 15:41
S21 8	197	S216 and ((interrupt\$4 with signal) with output)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/30 15:55
S21 9	2	"20030164775"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/30 16:25
S22 0	16	(radio with (select\$4 or presetermin\$3) with schedule) same satellite	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/30 16:31
S22 1	17	(radio with (select\$4 or presetermin\$3 or preset\$4) with schedule) same satellite	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/30 16:37
S22 2	3	(radio with (select\$4 or presetermin\$3 or preset\$4) with schedule with program) same satellite	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/30 17:11



## EAST Search History

S22 3	132	((select\$4 or presetermin\$3 or preset\$4) with schedule with program) same satellite	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/30 17:13
S22 4	129	S223 not S222	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/30 17:24
S22 5	4083	satellite radio	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/30 17:25
S22 6	423	S225 and (am near2 FM)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/30 17:25
S22 7	109	S226 and (schedule)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/30 17:50
S22 8	323	dual mode radio	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/30 17:51
S22 9	43	S228 and satellite and FM	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/30 17:54

## EAST Search History

S23 0	1596	FM tuner	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/30 17:54
S23 1	226	S230 and satellite	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/30 17:55
S23 2	2	S231 and switchover	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/30 17:55
S23 3	224	S231 not S232	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/30 18:39
S23 4	46	(satellite near2 (tuner or demodulator or radio)) and ((switch\$3 or interrupt\$4) with fix\$2 with time)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2006/10/30 18:41